Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-21 (canceled)

Claim 22 (previously presented) The drive unit according to claim 36, wherein said housing is assembled of two separate and distinct housing parts, one of said housing parts comprising an upper housing part including said bearing sleeve and supporting said electric motor, the other of said housing parts comprising a lower housing part that faces said upper housing part and closes an open main side of said upper housing part, said upper housing part having a generally cylindrical depression, said cylindrical depression surrounding said bearing sleeve, a circumferential edge of said rotor extending into said cylindrical depression of said upper housing part.

Claim 23 (Previously presented) The drive unit according to claim 22, wherein said upper housing part has laterally projecting assembly tabs.

Claim 24 (Previously presented) The drive unit according to claim 22, wherein said lower housing part and said upper housing part are connected with each other by latching means.

Claim 25 (currently amended) The drive unit according to claim 22, wherein said ~~external~~ rotor is generally pot-shaped and has an end face attached to a bearing shaft.

Claim 26 (Previously presented) The drive unit according to claim 25, wherein said bearing shaft is rotatably mounted in said bearing sleeve by means of bearings placed into said bearing sleeve.

Claim 27 (currently amended) The drive unit according to claim 36 ~~22~~, wherein said bearing sleeve is surrounded by a hollow-cylindrical stator of said electric motor.

Claim 28 (Previously presented) The drive unit according to claim 27, wherein said bearing sleeve has a shoulder on which an inner circumferential edge of said stator bears.

Claim 29 (previously presented) The drive unit according to claim 22, wherein said stator is provided with axially projecting connection tags that extend through openings of said cylindrical depression of said upper housing part and that may be connected to a printed circuit board arranged in an interior of said housing.

Claim 30 (currently amended) The drive unit according to claim 36 ~~22~~, wherein a circuit board of said power part is a conductor structure stamped out of sheet metal encapsulated with plastic by means of injection-molding.

Claim 31 (Previously presented) The drive unit according to claim 30, wherein said conductor structure of said power part has contact tags that project from an edge of said circuit board.

Claim 32 (Previously presented) The drive unit according to claim 31, wherein said contact tags project from an outside surface of said housing and are surrounded by at least one plug collar molded with said housing.

Claim 33 (Previously presented) The drive unit according to claim 30, wherein said circuit board of said power part has connection openings arranged in a circle, said connection tags of said stator being adapted to be inserted into said connection openings, said conductor structure of said power part having terminal parts adjacent to said connection openings.

Claim 34 (previously presented) The drive unit according to claim 30, wherein said circuit board of said power part has exposed metal surfaces of said conductor structure thermally contacted by said power semiconductors of said electronic actuation system.

Claim 35 (previously presented) The drive unit according to claim 34, wherein said circuit board of said control part is spaced from and parallel to said circuit board of said power

part, said power semiconductors having bent connection tags that extend through openings in said circuit board of said power part and are connected to said circuit board of said control part.

Claim 36 (previously presented) A drive unit for a fan in a vehicle, said drive unit comprising a brushless DC electric motor with a rotor and a stator, an electronic actuation system, and a housing molded of plastics,

said electronic actuation system being surrounded by said housing, said housing supporting said electric motor, said housing having air inlet openings for cooling of electronic components of said electronic actuation system and for cooling components of said electric motor,

said rotor being generally pot-shaped and having air outlet openings on an end face of said rotor remote from said air inlet openings of said housing,

said housing having a bearing sleeve integrally molded with said housing, said rotor of said electric motor being mounted on said bearing sleeve, said bearing sleeve having a guide channel for directing cooling air that enters said housing through said air inlet openings of said housing toward said outlet openings of said rotor,

said electronic actuation system having a power part and a control part, said power part and said control part being mounted on separate circuit boards, said air inlet openings of said housing being provided next to power

Claim 37 (Previously presented) The drive unit according to claim 36, wherein said housing is arranged on a suction side of said fan.

Claim 38 (Canceled)

Claim 39 (Previously presented) The drive unit according to claim 36, wherein said rotor is an external rotor that is generally pot-shaped and has an end face attached to a bearing shaft.

Claim 40 (Previously presented) The drive unit according to claim 39, wherein said bearing shaft is rotatably mounted in said bearing sleeve by means of bearings placed into said bearing sleeve.

Claim 41 (Canceled)